

Federal Communications Commission
1919 M Street, NW
Washington, DC 20554

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JAN 27 1993

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JAN 16 1993

Sir:

I am writing to you concerning Federal Communications Commission Notice of Proposed Rule Making PR Docket 92-235. This rule has a section concerning Part 95 of the Code of Federal Regulations that is of serious interest to me for several reasons - one of them being safety.

I fly radio-controlled model aircraft. NPRM PR 92-235 proposes the placing of multiple commercial-use frequencies between those allocated by the FCC for R/C use. These new frequencies can be used on mobile equipment and as such present an extreme danger. Normally there is little risk involved in this hobby and accidents are few, but the interference possibilities introduced by this bill will change that. If this ruling is enacted, a pilot may lose control of a plane any time one of the new transmitters began broadcasting within range of the pilot. The planes we fly are relatively large and fly at significant speeds. Loss of control could result in serious injury for a person struck by a "runaway" plane.

The technology required to upgrade our radios to where they could reject the more powerful signals on the new frequencies is not available. Estimates on cost if it became available are many times the present cost of our radios and will kill the hobby - a hobby that introduces many (including children) to technology, aerospace, and engineering professions.

Many American businesses manufacture or distribute items for R/C use (kits, radios, engines, accessories, etc.). This will all end if NPRM PR 92-235 is enacted.

I respectfully ask that you protect our frequencies, preserve our present levels of safety, and keep this action from killing the hobby, by not enacting NPRM PR 92-235.

Very truly yours,

Mark Baker

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REC-1
JAN 27 1993

FEDERAL COMMUNICATIONS
OFFICE OF THE SECRETARY

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1993

Gentlemen,

Can't believe what you
propose to do. We tax payers
have to pay your wages, so
listen to us.

Proposal PR92-235 will
Cause interference 72 MHz & 75 MHz.

I have been building &
designing model air planes
for 40 yrs I have met a lot
of nice people & enjoy this very
much, so, lets not tamper
with something already done

Sincerely
John E. Kampfe

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JAN 27 1993

JAN 27 1993

FEDERAL COMMUNICATIONS COMMISSION
OFFICE OF THE SECRETARY

FCC MAIL ROOM

Date: 1-22-93

Federal Communications Commission
1919 M Street, NW
Washington, DC 20554

Dear Sirs:

It has recently come to my attention that the Federal Communications Commission (FCC) is considering an action that will severely limit and potentially eliminate a very important hobby of mine; radio controlled (R/C) model airplanes, helicopters, cars and boats.

Your Notice of Proposed Rule Making (NPRM) in **PR Docket 92-235** replaces Part 90 of your rules with a new Part 88. Part 90 allows for safe use of R/C aircraft and surface models by keeping 10 Khz spacing between fixed commercial users and frequencies used by R/C enthusiasts. The new Part 88 will allow mobile users on frequencies within 2.5 Khz of frequencies available to us, eliminating safe use of at least 31 of the 50 channels on the 72 MHz band and 10 of the 30 frequencies on the 75 MHz band now used by hobbyists. In fact, more channels will likely be affected.

This action will have a severe, detrimental impact upon me and the entire R/C hobby industry. If put into effect, my airplane or helicopter could easily be shot out of the sky by a mobile user I'd have no way of knowing about. This creates a severe health hazard.

I have been involved in this hobby for 20 years. I own 7 radios and 10 model airplanes, helicopters, cars and boats. In addition, I have numerous engines, motors, chargers, field accessories and other products necessary to support my hobby. When you consider there are hundreds of thousands of other R/C hobbyists in the U.S. just like me, these proposed rule changes will affect a lot of people economically and in terms of enjoyment.

I urge you to reconsider this. Keep 10 Khz spacing between all frequencies on 75 MHz and 72 MHz bands available for safe use by R/C enthusiasts. Please don't eliminate this hobby that has grown tremendously over the past 30 years and has so much investment of money and enjoyment of people nationwide.

Thank you for your consideration.

Sincerely,

Arthur A. Gabriel
467 Monterey Dr
Oyster Ca 95003

JAN 27 1993

FEDERAL BUREAU OF INVESTIGATION

Date: Jan 22 1993

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JAN 27 1993

FEDERAL COMMUNICATIONS COMMISSION
OFFICE OF THE SECRETARY

Federal Communications Commission
1919 M Street, NW
Washington, DC 20554

Dear Sirs:

It has recently come to my attention that the Federal Communications Commission (FCC) is considering an action that will severely limit and potentially eliminate a very important hobby of mine; radio controlled (R/C) model airplanes, helicopters, cars and boats.

Your Notice of Proposed Rule Making (NPRM) in **PR Docket 92-235** replaces Part 90 of your rules with a new Part 88. Part 90 allows for safe use of R/C aircraft and surface models by keeping 10 Khz spacing between fixed commercial users and frequencies used by R/C enthusiasts. The new Part 88 will allow mobile users on frequencies within 2.5 Khz of frequencies available to us, eliminating safe use of at least 31 of the 50 channels on the 72 MHz band and 10 of the 30 frequencies on the 75 MHz band now used by hobbyists. In fact, more channels will likely be affected.

This action will have a severe, detrimental impact upon me and the entire R/C hobby industry. If put into effect, my airplane or helicopter could easily be shot out of the sky by a mobile user I'd have no way of knowing about. This creates a severe health hazard.

I have been involved in this hobby for 25 years. I own 4 radios and 6 model airplanes, helicopters, cars and boats. In addition, I have numerous engines, motors, chargers, field accessories and other products necessary to support my hobby. When you consider there are hundreds of thousands of other R/C hobbyists in the U.S. just like me, these proposed rule changes will affect a lot of people economically and in terms of enjoyment.

I urge you to reconsider this. Keep 10 Khz spacing between all frequencies on 75 MHz and 72 MHz bands available for safe use by R/C enthusiasts. Please don't eliminate this hobby that has grown tremendously over the past 30 years and has so much investment of money and enjoyment of people nationwide.

Thank you for your consideration.

Sincerely,

Charles Sullivan
6910 Freedom Blvd.
Aptos, Ca. 95003

January 12, 1993

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JAN 27 1993

FEDERAL COMMUNICATIONS COMMISSION
OFFICE OF THE SECRETARY

Federal Communications Commission
1919 m street, NW
Washington, D.C. 20554

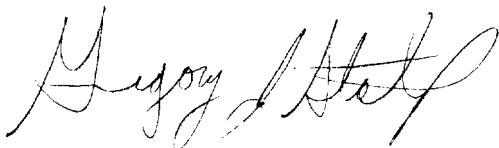
Members of the Commission: (NPRM - PR Docket 92-235)

I am a member of the Academy of Model Aeronautics and regularly engage in the flying of radio control model aircraft. We are now using those 72 mhz frequencies allocated, in the recent past, by the FCC for radio control aircraft use. If NPRM - PR Docket 92-235 is implemented new Mobile Land Service frequency allocations 2.5mhz from the radio control frequencies will render them useless. That ultra narrow band frequency spacing is incompatible for radio control use. Model aircraft weighing up to as much as 50 pounds will go out of control in the presence of such radio signals and they will crash. There is no receiver technology that permits such narrow band use.

We believe some of the radio spectrum must be reserved for the hobby user as some land in cities must be reserved for open green space for parks and recreation. We urge you to not tamper with that portion of the 72 mhz in which we now operate. Thank you.

Sincerely,

AMA number



168555

Federal Communications Commission
1919 M Street NW
Washington, DC 20554

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JAN 27 1993

DOCKET FILE COPY ORIGINAL

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JAN 26 1993

Urgent: Serious problem with PR Docket 92-235.

Dear Sirs:

Please help me! My hobby is the construction and operation of radio controlled model airplanes. I have been in this hobby for many years and have a considerable investment in it. It is a wonderful hobby for young and old. Also, I have many friends in this hobby.

I am very concerned about the proposed rules that are currently under consideration by the Federal Communications Commission (FCC). The proceeding is **PR Docket 92-235**. If adopted, the new rules will absolutely cause radio interference on the majority of frequencies currently assigned for RC model aircraft use. Safety is very important in this hobby.

Our RC frequencies are in the 72 - 76 MHz band. We share this band with the private land mobile dispatch operations. However, now the FCC wants to create more land mobile frequencies by splitting them into narrower bandwidths and rearranging this band. The mobile frequencies will be separated by 5 KHz but they will bracket the RC frequencies by only 2.5 KHz. This will cause interference on the RC channels. In addition **the technical specifications for the new mobile equipment allows a frequency tolerance which could place their signal directly on an RC channel.**

Can you imagine all the RC airplanes, each costing several hundred dollars or more, that will be crashing to the ground because someone uses a "mobile" telephone in the vicinity. We modelers have controls and rules in place to assure the safety of the operators and bystanders and also the protection of surrounding property. But there will be no protection against these new frequencies because they are "mobile" and we would never know where they are.

The frequency changes are proposed by the FCC Land Mobile Service. The FCC has issued a Notice of Proposed Rule Making (**NPRM - PR Docket 92-235**)

All over the country there are organized events and contests where hundreds of operators participate. Spectators often number in the thousands at these events. This hobby provides many hours of enjoyment to hundreds of thousands of people like myself and my family. *Please help keep model aviation safe.*

The FCC must not be allowed to carry out its proposals for the 72 - 76 MHz band.

Sincerely



DON E. PRUDEN
4230 Bello Dr.
Ft. Wayne, In. 46815

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JAN 26 1993

Federal Communications Commission
1919 M Street, NW
Washington, DC 20554

FEDERAL COMMUNICATIONS COMMISSION
OFFICE OF THE SECRETARY

FCC - MAIL ROOM

Dear Sirs:

It has recently come to my attention that the Federal Communications Commission (FCC) is considering an action that will severely limit and potentially eliminate a very important hobby of mine, radio controlled (R/C) model airplanes, helicopters, cars and boats.

Your Notice of Proposed Rule Making (NPRM) in PR Docket 92-235 replaces Part 90 of your rules with a new Part 88. Part 90 allows for safe use of R/C aircraft and surface models by keeping 10 Khz spacing between fixed commercial users and frequencies used by R/C enthusiasts. The new Part 88 will allow mobile users on frequencies within 2.5 Khz of frequencies available to us, eliminating safe use of at least 31 of the 50 channels on the 72 MHz band and 10 of the 30 frequencies on the 75 MHz band now used by hobbyists. In fact, more channels will likely be affected.

This action will have a severe, detrimental impact upon me and the entire R/C hobby industry. If put into effect, my airplane or helicopter could easily be shot out of the sky by a mobile user I'd have no way of knowing about. This creates a severe health hazard.

I have been involved in this hobby for 25 years. I own 4 radios and 5 model airplanes, helicopters, cars and boats. In addition, I have numerous engines, motors, chargers, field accessories and other products necessary to support my hobby. When you consider there are hundreds of thousands of other R/C hobbyists in the U.S. just like me, these proposed rule changes will affect a lot of people economically and in terms of enjoyment.

I urge you to reconsider this. Keep 10 Khz spacing between all frequencies on 75 MHz and 72 MHz bands available for safe use by R/C enthusiasts. Please don't eliminate this hobby that has grown tremendously over the past 30 years and has so much investment of money and enjoyment of people nationwide.

Thank you for your consideration.

Sincerely,

Eino E. Panula
7374 E. 24th St
Tulsa, OK 74129

I DO HAVE AMATEUR
Radio License NSXJV
COULD FLY ON 6 METERS
50-54.4 MHz - MOST EQUIPMENT
FOR PLANES IS ON 72 MHz.

Federal Communications Commission
1919 M Street, NW
Washington, DC 20554

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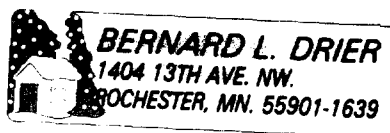
I have been involved in this hobby for 50 years. I own 10 radios and 25 model airplanes, helicopters, cars and boats. In addition, I have numerous engines, motors, chargers, field accessories and other products necessary to support my hobby. When you consider there are hundreds of thousands of other R/C hobbyists in the U.S. just like me, these proposed rule changes will affect a lot of people economically and in terms of enjoyment.

I urge you to reconsider this. Keep 10 Khz spacing between all frequencies on 75 MHz and 72 MHz bands available for safe use by R/C enthusiasts. Please don't eliminate this hobby that has grown tremendously over the past 30 years and has so much investment of money and enjoyment of people nationwide.

Thank you for your consideration.

Sincerely,

Bernard L. Drier



Please Help

A large, stylized, handwritten squiggle or flourish, possibly a signature or a decorative element, located below the "Please Help" text.

[Date]
1-22-93
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JAN 27 1993
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JAN 26 1993
FCC - MAIL ROOM

FEDERAL COMMUNICATIONS COMMISSION
OFFICE OF THE SECRETARY

From: David Goodin
5034 Raftan Dr.
San Jose CA

To: FCC
1919 M St NW
Washington DC

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20554

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JAN 27 1993

FEDERAL COMMUNICATIONS COMMISSION
OFFICE OF THE SECRETARY

Re: NPRM PR Docket 92-235

JAN 26 1993

FCC MAIL ROOM

Dear Sirs,

It has come to my attention that you plan to restructure the frequency allocation for 72 mhz. Being an RC hobbyist, this concerns me a great deal. The thought of ~~two~~ new mobile channels inserted between our existing radio control channels is frightening. It is not a pleasant sight to see ones model aircraft careening out of control toward people, cars, or other structures while you are watching, helpless, to stop it. This is the result of radio interference in most cases.

It would seem to me that inserting high power (in relation to our 750mw signal) 10 watt signals so close to the existing RC channels spells disaster. Since these new channels would be for mobile use, a field that has been cleared out to be interference free could become flooded with spurious EMI without warning.

PLEASE do not do this. I and my friends who fly all applauded the changes you made that gave us more channels to work with even though it cost us to upgrade our equipment. Cost is not the major concern, Safety is.

I hope that you will reevaluate this change and decide to not insert these channels near the RC frequencies.

Thank you
Dave Goodin

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JAN 27 1993

January 20, 1993

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Federal Communications Commission
1919 M Street NW
Washington, DC 20554

FEDERAL COMMUNICATIONS COMMISSION
OFFICE OF THE SECRETARY

JAN 26 1993

Dear Sirs:

FCC - MAIL ROOM

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This action will have a severe negative impact upon me and the entire R/C hobby industry. If this proposed rule were to become fact, a mobile transmitter on a delta frequency of 2.5 KHz could enter a flying zone and cause an R/C aircraft to become an unguided missile. When you consider there are hundreds of thousands of other R/C hobbyists in the U.S.A. the chance for a close encounter of the wrong kind increases rapidly. One should also consider the economic impact on the industry, i.e. jobs and the associated tax base.

I urge you to reconsider this proposal. Keep 10 Khz spacing between all frequencies on the 72 MHz and 75 MHz bands available for safe use by R/C enthusiasts. Please do not endanger this hobby that has grown tremendously over the past 30 years and has so much investment of money and is enjoyed by so many.

Thank you for your consideration.

Sincerely,

Dr James H. Freeman
AMA # 99618

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January 20, 1993

JAN 27 1993

Federal Communications Commission
1919 M Street NW
Washington, DC 20554

FEDERAL COMMUNICATIONS COMMISSION
OFFICE OF THE SECRETARY

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JAN 26 1993

Dear Sirs:

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I urge you to reconsider this proposal. Keep 10 Khz spacing between all frequencies on the 72 MHz and 75 MHz bands available for safe use by R/C enthusiasts. Please do not endanger this hobby that has grown tremendously over the past 30 years and has so much investment of money and is enjoyed by so many.

Thank you for your consideration.

Sincerely,

Joshua Peters
AMA # 354178

[Date] 1-20-93

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Federal Communications Commission
1919 M Street, NW
Washington, DC 20554

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JAN 27 1993

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JAN 26 1993

Dear Sirs:

FEDERAL COMMUNICATIONS COMMISSION
OFFICE OF THE SECRETARY

FCC - MAIL ROOM

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This action will have a severe, detrimental impact upon me and the entire R/C hobby industry. If put into effect, my airplane or helicopter could easily be shot out of the sky by a mobile user I'd have no way of knowing about. This creates a severe health hazard.

I have been involved in this hobby for 20 years. I own 3 radios and 3 model airplanes, helicopters, cars and boats. In addition, I have numerous engines, motors, chargers, field accessories and other products necessary to support my hobby. When you consider there are hundreds of thousands of other R/C hobbyists in the U.S. just like me, these proposed rule changes will affect a lot of people economically and in terms of enjoyment.

I urge you to reconsider this. Keep 10 Khz spacing between all frequencies on 75 MHz and 72 MHz bands available for safe use by R/C enthusiasts. Please don't eliminate this hobby that has grown tremendously over the past 30 years and has so much investment of money and enjoyment of people nationwide.

Thank you for your consideration.

Sincerely,

Susan Hall

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JAN 27 1993

FEDERAL COMMUNICATIONS COMMISSION
OFFICE OF THE SECRETARY

Gary L. Ware
336 Seaside Dr.
Pacifica, Ca.
94044
AMA 71885

FEDERAL COMMUNICATIONS COMMISSION
1919 M. St. NW
Washington D.C. 20554

RECEIVED

JAN 26 1993

RE: PR Docket 92-235

TELETYPE ROOM

I am very disturbed and concerned about the proposed rules changes under consideration by the FCC regarding Docket 92-235. If adopted the new rules will virtually eliminate 31 of the 50 channels now allocated to Radio Control Miniature Aircraft. These channels were created by a joint effort of the Academy of Model Aeronautics and the FCC over a span of years. This past co-operation has been instrumental in expanding the model aircraft industry into a multi-million dollar industry and also increasing the membership roles of the Academy of Model Aeronautics. As many as a quarter of a million model aircraft enthusiasts would be adversely affected. I personally have upgraded all my equipment to meet the recently approved standards and my four transmitters and seven receivers would be obsolete. What makes this untenable is this equipment was purchased, to the tune of several hundred dollar, within the last three years to meet the new "1992" standards. The manufacturers, who have recently upgraded their equipment and have considerable investments in these upgrades, as well as inventory, would find themselves left holding the bag.

The proposed frequencies are "too close" and too powerful to not affect our receivers, and the safety of our sport will be seriously compromised. We operate in the 72-76 MHz band which is primarily used for private land based mobile dispatch operations. Our channels are 20 MHz apart which allows a 10 Mhz safety zone on either side of each channel for mobile dispatch purposes. The proposed new rules allow new channels into these safety zones and allowable tolerances would overlay our present model aircraft channels.

I have been actively involved in model aviation for 40 years. I hope to continue to be active in this sport into my retirement in a few years. I devote a lot of time and energy into promoting this sport and instruct groups of youngsters on a volunteer basis in my spare time. I am physically handicapped and find Radio Control Modeling activities an enjoyable and rewarding hobby. I am an AMA member (#71885) and am actively involved in a club of 125 members who rent and maintain a 320 ft. runway. This club is open to the public. I have competed in regional and national contests, and am presently very involved on a racing team.

Please allow the current frequency spacing to remain in effect.

Sincerely,

Gary L. Ware

HORIZON HOBBIES

61 N.E. 1st Avenue
Ontario, Oregon 97914

889-3747

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JAN 27 1993

PLASTIC MODELS • PLANES • BOATS • TRAINS • TOOLS • MINIATURES • KITES

FEDERAL COMMUNICATIONS COMMISSION
OFFICE OF THE SECRETARY

January 21, 1993

Federal Communications Commission
1919 M Street, NW
Washington, DC 20554

JAN 26 1993

FCC - WASH DC

Dear Sirs:

I am a hobby retailer who sells many radios, radio-controlled models, and related products in my store. In addition, I sell train products, plastic model kits and other related hobby products.

It has recently come to my attention that the Federal Communications Commission (FCC) is considering an action that has the potential to destroy my business and that of thousands of other retailers nationwide like me. The proceeding is PR Docket 92-235.

Your Notice of Proposed Rule Making (NPRM) in PR Docket 92-235 replaces Part 90 of your rules with a new Part 88. Part 90 allows for safe use of R/C aircraft and surface models by keeping 10 Khz spacing between fixed commercial users and frequencies used by R/C enthusiasts. The new Part 88 will allow mobile users on frequencies within 2.5 Khz of frequencies available to us, eliminating safe use of at least 31 of the 50 channels on 72 MHz band and 10 of the 30 frequencies on 75 MHz band now used by hobbyists. In fact, more channels will likely be affected.

If adopted the new rule will greatly reduce the usability of frequencies currently assigned for R/C model use and increase the risk of accidents and attendant liability. It will create a significant safety risk and severely damage a billion dollar industry. Loss of R/C sales will hamper my ability to stay in business to sell other hobby items as well.

I urge you to reconsider this action. Keep 10 Khz spacing between all frequencies on 75 MHz and 72 MHz frequencies available for safe use by R/C enthusiasts. Please don't eliminate this hobby that has grown tremendously over the past 30 years and has so much investment of money and enjoyment of people nationwide.

Thank you for your consideration.

Sincerely,

Cheryl Cruson

Horizon Hobbies
61 NE 1st Avenue
Ontario, OR 97914
(503) 889-3747

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Federal Communications Commission
1919 M St. NW
Washington DC 20544

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JAN 27 1993

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JAN 26 1993

FEDERAL COMMUNICATIONS COMMISSION
OFFICE OF THE SECRETARY

R. C. MAIL ROOM

Dear Sir or Madam,

I am very concerned about the proposed rules that are currently under consideration by the Federal Communications Commission. The proceeding is PR Docket 92-235. If adopted, the new rules will greatly reduce the usability of frequencies already assigned for model use and increase the risk of accidents and attendant liability for controlling model airplanes.

Our radio control frequencies are in the 72 - 76 MHz band, a band primarily used for private Land Mobile dispatch operations. However, our radio control frequencies in this band are far enough apart from the Land Mobile frequencies that we have been able to share the band without either use interfering with the other. Now the FCC wants to create more Land Mobile frequencies by splitting them into narrower bandwidths and rearranging the band plan. As a result, many Land Mobile frequencies will move closer to the radio control frequencies. I am told that of the 50 frequencies that are presently available for radio control of model airplanes, only 19 frequencies will be left if these new rules are adopted. Many thousands of dollars of radio control equipment owned by members of my club will be rendered useless.

When we fly our model airplanes we go through great lengths to assure the safety of the operators and bystanders and the protection of property. Our safety precautions involve the careful coordination and use of the assigned radio control frequencies. If the number of usable frequencies is diminished as proposed by the FCC, the remaining frequencies will become congested and the margin of safety will be greatly reduced. Please understand that many model airplanes have wing spans up to 10 feet, weigh as much as 30-40 pounds and fly at a high rate of speed. The models themselves are expensive to build; but more to the point, they are capable of causing property damage, serious injury, or even death if radio interference causes the operator to lose control of the craft. We need the use of our full complement of radio frequencies in order to assure a safe flying environment.

I do not think it is wise for the FCC to seek to allocate more radio frequencies for Land Mobile users at the expense of radio control modelers. The FCC may not think we are as important as business users of radios, but we have a considerable investment in our models and radio equipment. The hobby provides many hours of enjoyment to thousands of people like myself and contributes to the advancement and development of the commercial aviation industry.

Please help me to continue the safe enjoyment of my pastime by not implementing NRPM PR Docket 92-235.

Sincerely,

Kenneth G. Tschida
112 MARYANNE AVE
LEESBURG, VA
22075

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JAN 27 1993

FEDERAL COMMUNICATIONS COMMISSION
OFFICE OF THE SECRETARY

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JAN 26 1993

FCC - MAIL ROOM

DOCKET FILE COPY ORIGINAL

5834 Cahill Ave.

Tarzana, CA 91356

January 21, 1993

The Honorable Anthony C. Beilenson
United States House of Representatives
Washington, DC 20515

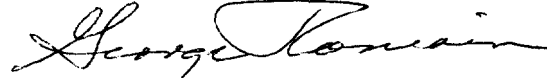
Dear Representative Beilenson,

I strongly recommend that you vote "NO" on the FCC Notice of Rule Making NPRM PR Docket 92-235.

The Proposal, if approved will make model flying unsafe, it will adversely affect hundreds of thousands of people, and the model building industry will cease to exist in favor of the Mobile Land Service.

Thank you in advance.

Very Truly Yours,



George Romain

cc: Federal Communications Commission

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[Date]

JAN 23, 1993

DOCKET FILE COPY ORIGINAL

JAN 27 1993

Federal Communications Commission
1919 M Street, NW
Washington, DC 20554

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This action will have a severe, detrimental impact upon me and the entire R/C hobby industry. If put into effect, my airplane or helicopter could easily be shot out of the sky by a mobile user I'd have no way of knowing about. This creates a severe health hazard.

I have been involved in this hobby for 10 years. I own 3 radios and 6 model airplanes, helicopters, cars and boats. In addition, I have numerous engines, motors, chargers, field accessories and other products necessary to support my hobby. When you consider there are hundreds of thousands of other R/C hobbyists in the U.S. just like me, these proposed rule changes will affect a lot of people economically and in terms of enjoyment.

I urge you to reconsider this. Keep 10 Khz spacing between all frequencies on 75 MHz and 72 MHz bands available for safe use by R/C enthusiasts. Please don't eliminate this hobby that has grown tremendously over the past 30 years and has so much investment of money and enjoyment of people nationwide.

Thank you for your consideration.

Sincerely,

Neel J. Jester

[Date] 1-22-93

Federal Communications Commission
1919 M Street, NW
Washington, DC 20554

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DOCKET FILE COPY ORIGINAL

RECEIVED

JAN 26 1993

Dear Sirs:

JAN 27 1993

FCC - MAIL ROOM

I am a hobby retailer who sells many radio controlled models, and related products in my store. In addition, I sell train products, plastic model kits and other related hobby products.

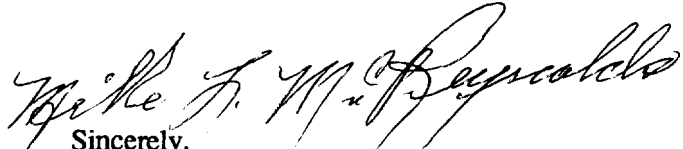
It has recently come to my attention that the Federal Communications Commission (FCC) is considering an action that has the potential to destroy my business and that of thousands of other retailers nationwide like me. The proceeding is PR Docket 92-235.

Your Notice of Proposed Rule Making (NPRM) in PR Docket 92-235 replaces Part 90 of your rules with a new Part 88. Part 90 allows for safe use of R/C aircraft and surface models by keeping 10 Khz spacing between fixed commercial users and frequencies used by R/C enthusiasts. The new Part 88 will allow mobile users on frequencies within 2.5 Khz of frequencies available to us, eliminating safe use of at least 31 of the 50 channels on 72 MHz band and 10 of the 30 frequencies on 75 MHz band now used by hobbyists. In fact, more channels will likely be affected.

If adopted the new rule will greatly reduce the usability of frequencies currently assigned for R/C model use and increase the risk of accidents and attendant liability. It will create a significant safety risk and severely damage a billion dollar industry. Loss of R/C sales will hamper my ability to stay in business to sell other hobby items as well.

I urge you to reconsider this action. Keep 10 Khz spacing between all frequencies on 75 MHz and 72 MHz frequencies available for safe use by R/C enthusiasts. Please don't eliminate this hobby that has grown tremendously over the past 30 years and has so much investment of money and enjoyment of people nationwide.

Thank you for your consideration.


Sincerely,

TUCSON HOBBY SHOP
5637 EAST SPEEDWAY
TUCSON, ARIZONA 85712
(602) 722-1931

RECEIVED
January 18, 1993

DOCKET FILE COPY ORIGINAL
RECEIVED

JAN 26 1993

Federal Communications Commission
1919 M Street, NW
Washington, DC 20554

JAN 27 1993

FEDERAL COMMUNICATIONS COMMISSION
OFFICE OF THE SECRETARY

FCC - MAIL ROOM

Sirs:

I have just found out about the Federal Communications Commission Notice of Proposed Rule Making PR Docket 92-235.

This rule has a section concerning Part 95 of the Code of Federal Regulations that is of serious interest to me and a fair segment of the population for several reasons - one of them being safety. This rule must not pass.

I fly radio-controlled model aircraft. NPRM PR 92-235 proposes the placing of multiple, commercial use frequencies between the present ones allocated by the FCC for R/C use. It is my understanding that these frequencies can/will be used on mobile equipment and as such present an extreme danger to us. If this ruling is enacted, a pilot could lose control of a plane at any time and with no warning when one of the new transmitters began broadcasting within range of the pilot.

The planes we fly are relatively large (mine range in weight from 3 to 10 pounds and have wingspans to greater than 5 feet) and fly at significant speeds. Loss of control could result in serious injury and possibly death for a person struck by such a plane.

Normally there is very little risk involved in this hobby and accidents are few, but the interference possibilities introduced by this new bill will change that.

The technology required to upgrade our radios such that they could operate at the new, narrow frequency spacing and reject the more powerful transmitters on the new frequencies is not currently available. Estimates on cost when/if it would become available are around \$1000 (this figure is from a radio manufacturer). This is many times the present cost of our radios and will kill the hobby - a hobby that introduces many (including children) to technology and aerospace engineering professions.

I am in a club of 65 individuals that fly R/C. There are, I believe, 8 such clubs in the Tucson area alone. There is a significant economic impact to the Tucson area itself due to the hobby. Clubs in the area regularly host national events and our club has co-hosted giant scale, Reno-style, Unlimited Air Races in conjunction with Evergreen Air Center in Marana. These events will stop if NPRM PR 92-235 is enacted.

Nationally, there are many small, medium, and large-sized businesses devoted to and dependant on this hobby. The implications of this ruling would probably bankrupt them.

I respectfully ask that you protect our R/C frequencies, help us keep our present levels of safety, and keep this action from killing the hobby.

Thank you very much,



Robert E. Fields
1341 East Seneca Street
Tucson, Arizona 84719

David R. Stern
15W721 82nd St.
Burr Ridge, IL 60521

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(708) 325-5785

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JAN 27 1993

JAN 26 1993

FEDERAL COMMUNICATIONS COMMISSION
OFFICE OF THE SECRETARY

FCC - MAIL ROOM

Federal Communications Commission
1919 M Street, NW
Washington, DC 20554

January 23, 1993

Dear Sirs:

I am a long time Radio Control hobbyist. Over the years I have built and flown Radio Controlled airplanes and helicopters. Seven Years ago I started a business related to the Radio Control industry. (I developed a computer simulation of Radio Control flying to be used as a training aid.)

The FCC has recently issued a Notice of Proposed Rule Making (NPRN - PR Docket 92-235) that will very badly hurt Radio Control enthusiasts and the Radio Control industry.

Part of this proposal replaces Part 90 of the rules with Part 88.

Part 90 allows safe operation of R/C aircraft, cars and boats by keeping a 10 kHz spacing between fixed commercial users and R/C radios. The new rules want to add two new mobile commercial users in this space for most R/C frequencies. This will reduce the space between these R/C channels and higher powered mobile commercial radios to only 2.5 kHz. This drastic reduction in bandwidth may make many channels unusable and then cause congestion on the remaining channels resulting in decreased safety. Use of a frequency only 2.5 kHz from a higher powered mobile commercial radio will result in greater risk of interference and accident, reduced functionality and increased cost R/C radios.

The Radio Control hobby is enjoyed by hundreds of thousands of people and is a billion dollar industry. Don't hurt a hobby that is growing and the source of much enjoyment/education/income for many citizens.

Please reconsider your action to expand the operation of land mobile radio users at the expense of Radio Control Modellers and the R/C industry.

Sincerely,

David R. Stern

David R. Stern

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Jan 20, 1993

JAN 27 1993

JAN 26 1993

FCC
1919 M St. NW
Washington DC 20554

FEDERAL COMMUNICATIONS COMMISSION
OFFICE OF THE SECRETARY

FCC - MAIL ROOM

Dear Sir(s),

I have been interested in aviation for many years and I am now active in the Coeur d' Alene Aeromodeling Society whose 122 members enjoy building and flying radio controlled model airplanes. I am very concerned about proposed rules now under consideration by the Federal Communications Commission (FCC), namely NPRM-PR Docket 92-235. If adopted, the new rules will greatly reduce the useability of frequencies currently assigned for model use and increase the risk of accidents and attendant liability for controlling model airplanes.

Our radio control frequencies are in the 72-76 MHz band which is primarily used for private land dispatch operations. At this time our assigned frequencies in this band are far enough apart from the land mobile frequencies that we are able to share the band without any mutual interference. Now the FCC wants to create more land mobile frequencies by splitting them into narrower bandwidths and rearranging the band plan. If this is adopted, many land frequencies will move closer to the model aircraft radio control frequencies and very likely cause interference with control of model aircraft. The proposed plan would effectively reduce good, available aircraft channels from about 50 down to 19.

When we fly our model aircraft under radio control, we go to great lengths to assure the safety of operators and spectators and protect property. Many of our safety precautions involve the careful coordination and use of radio control frequencies. If the number of useable frequencies is reduced as proposed by the FCC, the remaining frequencies will become congested and the margin of safety greatly decreased.

Please understand that many model aircraft have wing-spans up to 10 feet and weigh as much as 35-40 pounds. The models themselves are expensive to build; but more to the point, they are capable of causing property damage, serious injury or even death if radio interference causes the operator to lose control of the aircraft.

We often fly our models at organized events and contests where hundreds of operators participate. We need the use of the full complement of our assigned radio frequencies in order to insure a safe flying environment.

I do not think it wise of the FCC to seek to improve the operating conditions of land mobile radio users at the expense of radio control modelers. Please consider that we have a substantial investment in our models and our radio equipment, that the hobby provides hours of enjoyment to thousands of people like myself and contributes to the advancement of the aviation industry. Please help me continue the safe enjoyment of my hobby by carefully considering the proposals in NPRM-PR Docket 92-235.

Sincerely,

Name Neil Udell

Address 3508 Moccasin Rd
Coeur D'Alene Id.
83814

January 23, 1993

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JAN 26 1993

RECEIVED

JAN 27 1993

FEDERAL COMMUNICATIONS COMMISSION
OFFICE OF THE SECRETARY

FCC - MAIL ROOM

Federal Communications Commission
1919 M Street NW
Washington, D. C. 20554

SUBJECT: NPRM PR DOCKET 92-235

I am writing to express my concern about the effect of the proposed rule changes specified above. These rule changes would insert high power broadcast transmissions between frequencies currently allocated to radio controlled model hobbyists with only 2.5 KHz separation from them. The effect would be to eliminate an entire hobby, the industry supporting it, and all the jobs associated with it.

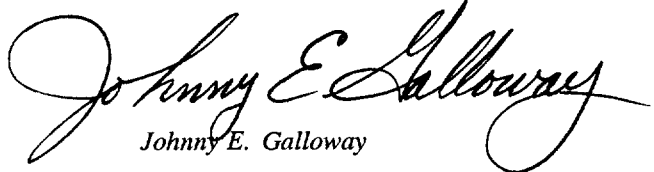
It is quite wrong to eliminate an entire industry and to render hundreds of thousands of pieces of expensive equipment obsolete and useless without compensation to those thrown out of work and to the owners of the equipment. We recently have upgraded our equipment to meet 1991 standards only to find that it may have been a waste of time and money.

The proposal changes should not be approved until technology can allow them to take place without destroying thousands of small businesses and essentially throwing millions of dollars worth of new equipment into the scrap barrel, to say nothing of all the lost jobs.

If General Electric and Motorola want these frequencies to enhance their businesses, then they should invest in R & D necessary to make the changes feasible without ruining small businesses and throwing people out of work.

I urge you to deny these changes at this time.

Sincerely,



Johnny E. Galloway

JAN 26 1993

Frequency Alert!

At the end of 1992 the Federal Communications Commission issued a Notice of Proposed Rule Making (NPRM - PR Docket 92-235). Implementation of the document would have a profound effect on model frequency use. Developed by the Mobile Land Service, the proposal creates a massive frequency restructuring - the first of its type in 60 years.

While the 455 page document addresses frequency use in another service, (Part 88 of the Code of Federal Regulations) it will also affect Part 95 where the RC frequency use lives. With out becoming too technical the restructuring inserts two new frequencies between those presently assigned for modeling use and commercial users. That means we could have a user, higher in power, transmitting only 2.5 kHz away from many of our 72 MHz and 75 MHz frequencies!

Example:

Model Channel 12 - 72.030 MHz
 new insert 72.0325 MHz
 new insert 72.0375 MHz
 Present Commercial 72.040 MHz

Not only are these users very close to our frequencies, they are also designated as "mobile" therefore we would never know where they are operating, including right in the pit area at your field! Our equipment will not be free from interference* at this spacing! The technical specifications suggest other concerns may exist as well.

We here at ROBIN'S HOBBY in CALIFORNIA are apposed to any more channels jammed into the 72.MHZ frequencies.

We have just gone thru a great expense to keep this frequency open for our use when the new freq. changes took place on JAN. 1/91. At this time a lot of our equipment was discarded as junk because of the cost to update to the new laws.

Please take the time to reconsider any such change at this time.

*INTERFERENCE
 IS NOT JUST AN INCONVENIENCE; IT MEANS
 DISASTER FOR AN EXPENSIVE AIRPLANE AND
 CREATES A HAZARD FOR BYSTANDERS.

THANK YOU



1. Safety! RC models are not the silk and tissue items of years ago.
2. Economic impact.
3. The number of individuals impacted.

Be assured that we will monitor all actions in this matter carefully and pursue all avenues available. All arrows will be expended! YOU are one of them! Your target must be noted in your letter. It is referred to by the FCC as NPRM PR Docket 92-235.

These persons or agencies will count the hits!

Senator:

The Honorable (name)

United States Senate

Washington, DC 20510

To a Representative:

The Honorable (name)

United States House of Rep.

Washington, DC 20515

FCC

1919 M St, NW

Washington, DC

20554

Contact the AMA Technical Department for questions or concerns

Sample Letter to FCC (from dealer)
Regarding FCC Rule Making

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[Date]

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Federal Communications Commission
1919 M Street, NW
Washington, DC 20554

JAN 27 1993

FEDERAL COMMUNICATIONS COMMISSION
OFFICE OF THE SECRETARY

JAN 26 1993

FCC - MAIL ROOM

Dear Sirs:

I am a hobby retailer who sells many radios, radio-controlled models, and related products in my store. In addition, I sell train products, plastic model kits and other related hobby products.

It has recently come to my attention that the Federal Communications Commission (FCC) is considering an action that has the potential to destroy my business and that of thousands of other retailers nationwide like me. The proceeding is PR Docket 92-235.

Your Notice of Proposed Rule Making (NPRM) in PR Docket 92-235 replaces Part 90 of your rules with a new Part 88. Part 90 allows for safe use of R/C aircraft and surface models by keeping 10 Khz spacing between fixed commercial users and frequencies used by R/C enthusiasts. The new Part 88 will allow mobile users on frequencies within 2.5 Khz of frequencies available to us, eliminating safe use of at least 31 of the 50 channels on 72 MHz band and 10 of the 30 frequencies on 75 MHz band now used by hobbyists. In fact, more channels will likely be affected.

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I urge you to reconsider this action. Keep 10 Khz spacing between all frequencies on 75 MHz and 72 MHz frequencies available for safe use by R/C enthusiasts. Please don't eliminate this hobby that has grown tremendously over the past 30 years and has so much investment of money and enjoyment of people nationwide.

Thank you for your consideration.

Sincerely,

Duane Voiles

LAKESHORE VILLAGE HOBBY & CRAFTS
235 WEST BY PASS
GAINESVILLE, GA. 30501

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JAN 27 1993

FEDERAL COMMUNICATIONS COMMISSION
OFFICE OF THE SECRETARY

RECEIVED

JAN 14 1993

700-1-1000

DOCKET FILE COPY ORIGINAL

Ted Huxhold
1163 S. Euclid Ave
Oak Park, IL 60304

The Honorable William Lipinski
United States House of Representatives
Washington, D.C. 20515

Re: Federal Communications Commission PR Docket 92-235

Dear Congressman Lipinski,

The referenced docket number refers to a radio frequency re-distribution proposal currently under consideration by the FCC. If adopted, the proposal would seriously compromise the viability of frequencies presently assigned for the hobby of radio controlled model aircraft.

As it stands, the proposal would add commercial usage frequencies in a manner which would cause control impairment of models in flight and during ground operations. This would result in an intolerable hazard to individuals and property at or near established, locally approved sites where radio controlled model aircraft are flown.

Please refer to the attached enclosure for facts regarding the nature of the models and their operation. The national aeromodeling organization is the Academy of Model Aeronautics in Reston, VA.

As a user of the present FCC frequency accommodation for aeromodeling, I can assure that the proposal will virtually eliminate a worthy and gratifying hobby that I was introduced to as a pre-teen. I learned the basics of aerodynamics and developed building and design skills that have helped me in countless ways throughout the years. This modification would also render my recent investment in new radio equipment useless.

Please consider interceding on the radio controlled modelers' behalf by urging the FCC to heed these concerns as they will be articulated in a Formal Letter of Comment to be presented by the Academy of model Aeronautics via their counsel. The identification of the proposal, again, is PR Docket 92-235, and the deadline for Comment is 02/26/93.

In doing so, you will be helping preserve one of the very few and very small segments of the public airwaves that are still available for non-commercial use the American public.

Sincerely,

cc: FCC, AMA